

SURGICAL CUTTING ACCESSORY
WITH ENCAPSULATED RFID CHIP

ABSTRACT OF THE DISCLOSURE

A cutting accessory for use with a powered surgical tool. The accessory includes a drive shaft to which an outer hub is attached. Internal to the outer hub is a self-contained transponder formed from an RFID chip and a coil of electrical conductor embedded within a solid substrate or encapsulated within a plastic enclosure. The transponder wirelessly communicates one or more pieces of information concerning the identity and operation of the accessory to the surgical tool when the accessory is attached to the surgical tool.